



The 'History Project' for LARC is Still Alive and Underway!

1. Almost all the past HI-Q and newsletters have been converted to .pdf files and are ready to be finalized for the 75th Anniversary CD.
2. Terry VA3LU has a photo album for scanning. These photos will have to be given descriptions, etc. when he is done.
3. Bill VE3XT has the last binder with HI-Q and related stuff for scanning.
4. Lindo VE3NHX has the videos in various formats for converting to digital files.

This is an open project for all members to participate in, and we need a list of candidates who can process some of the stuff.

We are well into the 2007-2008 year and next year is the 75th (I think) so it would be nice to have a push on putting this to bed without missing too much!

As always, we are still looking for photos, past records, or anything relating to the Club's history to include in the project!

Leo ve3atc

ve3atc@spruce.ca

Highlights from the Dinner Meeting



Janet Roy and David Ratz explain how they use DNA to identify soldier's remains



Bob Hansen VE3RVA receives the "Amateur of the Year" award from LARC President Bill Unger VE3XT

The Annual Dinner was held February 16th at the Slovak Legion



Our first dinner meeting?

LARC SENATE

Keith Fiske VE3JQ
 Pat Doherty VE3PD
 Dave Kimpton VE3AVS
 Laurie Bridgett VE3BCD
 Terry Stewardson VA3LU
 Ed Baumann VE3SNW

ABOUT US

The :Lakehead Amateur Radio Club (LARC) is an incorporated not for profit group of amateur radio operators in the Thunder Bay area that meet for self education, community service and fellowship. Our meetings are the second Thursday of the month at room 191 McIntyre Building, Confederation College, 7:30 PM. Our postal address is 1100C Memorial Ave. Suite 184, Thunder Bay, Ontario P7B 4A3. This newsletter is published monthly except for July and August by Ed Baumann VE3SNW and questions and submissions may be emailed to ve3snw@shaw.ca

LARC EXECUTIVE

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 Bill Unger VE3XT 344-1848
 Vice-President
 Bob Hansen VE3RVA 767-6924
 Secretary
 Terry Stewardson VA3LU 577-9439
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 Joe Coghlan VE3TBX 344-6566
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 Brad Harris VE3MXJ 767-0628
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Lakehead Amateur Radio Club**Treasurer's Report**

Balance on Hand - Feb. 5/08 \$5,862.50

Income
 Memberships \$135.00
 Annual Dinner \$975.00
 Bank Interest \$0.05
 50/50 Draw \$23.00
 Total Income \$1,133.05

Expenses
 Thunder Bay Telephone \$47.61
 Bank Service Charges \$1.00
 Annual Dinner \$986.94
 Total Expenses \$1,035.55

Balance on Hand - Feb. 5/08 \$5,960.00

Joe Coghlan - VE3TBX
 Treasurer

LARC OPEN ACCESS REPEATERS

VE3YQT(Mount Baldy)147.060 (-600) Phone Patch

VE3TBR (St. Joseph's) 145.490 (-600) (100.0 Hz)
 442.075 (+5 MHz)
 144.390 APRS

VE3BGA (Hillcrest H.S.) 145.450 (-600) (IRLP Node VA3LU 123.0 Hz)
 442.825 (+5 MHz) (100.0 Hz)

VE3UPP Upsala 145.470 (-600)

BWARC Repeater News

As part of our plans for Cook County Repeater expansion, we have received frequency coordination from the Minnesota Repeater Council (MRC) for two additional sites. Both repeaters have the standard 600 KHz minus offset and full CTCSS at 151.4. The frequencies are:

Grand Portage: 146.655

Sawbill: 146.865

You can look for these to be up, running, and linked in sometime late in the spring of 2008.

Local Television Pioneer Dies

Tb News Source

Web Posted: 2/22/2008 5:46:09 PM

A pioneer of the local television industry has passed away.



Gerhard Buetow

Gerhard Buetow moved to Thunder Bay from Germany in the fall of 1952 and was hired as a television technician in 1954. He became Thunder Bay Television's first Chief Engineer in 1956, a position he held until his retirement in 1984. Early in his career he oversaw the construction of Thunder Bay's original TV station. Gerhard Buetow passed away Thursday night, he was 94 years old.

above from

<http://www.tbsource.com/Localnews/index.asp?cid=104999>

The Ultimate Antenna

As one of the most critical parts of a radio system, the antenna has been experimented with, theorized over, computer modeled, and misunderstood since radio began.

The world of technology is advancing in a faster pace each day. It seems that some of this new technology, along with government resources may be able to provide a solution for amateur needs. There is a columnist that writes for CQ magazine, that explains new technological developments, and their application for amateur radio use. Called "Math's Notes", this column has mentioned recent experiments pertaining to antenna work being developed by the US Dept of Defense in the field of "Green Laser"

For those who may not be up to date, the green laser has been able to project a coherent beam up to two miles, it is also able to cut a piece of electrical tape at close range. Apparently there are newly discovered properties of the green laser called the "Bessel function." What they have found is that there is a field of electromagnetic radiation along the path of this green laser.

It may soon be possible to have a conductive beam of light that can reach for a couple of miles at the flip of a switch. According to the article, work is being done to modulate this light with rf energy.

The possibilities are exciting. At the flip of a switch, you could have a two-mile vertical conductive beam that when coupled to an rf source would be the ultimate vertical antenna!

For dipole use, a prism is being considered. It is expected to split the beam into parallel vertical beams and then it is refracted again into the horizontal dipole configuration.. A spokesperson for the Department of Defense says that preliminary results are encouraging and applications for military look good.

For further results watch the column "Maths Notes", especially the April issue.

from

Phil Moorey VE3AXL

Survivor, The Amateur Radio Series

You may have seen the reality television series Survivor. I bet you didn't know there was an equivalent in the Amateur Radio World. It's called Freeze Your Buns Off or FYBO.

Once a year on the first weekend in February, hams across North America head out for a winter Field Day. This is only for a 12 hours during the day and not an over nighter, but it still requires you go and set up in the field.

Every year for the last few a hearty group of The Little Thunder QRP group head out and operate from White Birch Park on the north side of Boulevard Lake here in Thunder Bay. As usual the day started off at a local restaurant for a hearty breakfast and to plan the attack.

There us for but only make it FYBO.

Once we site we to set up stations. VE3EFC



were six of breakfast four could to the

got to the proceeded our Doug, set up a

dipole strung up between nearby trees. As you can see from the photo Doug was very well prepared, and judging from the ironing board operating station he was expecting things to heat up!

VE3AXL set up shop from the back of his vehicle.

This allows QRP with short With has capabi oper CW or modes M to



tidy set up him to be portable his 817 in order. his 817 he the lities to ate Phone, the digital from 1.8 440 MHz.

And yes that white fluffy stuff is genuine Northwestern Ontario snow.

Every year the highlight of the FYBO is when my XYL, Rita comes and sets up her mobile soup kitchen. She makes a big pot of her Warm Your Buns Up Chili (WYBU) with Buns and delivers it to the cold and hungry operators. It takes off the chill of the cold and

revitalizes us for more operating.well ok we eat it and realize we won't win were cold and want to go home. But its still GREAT chilli. Thanks.

The exchange in this contest includes the temperature at the operating position, and on that day the temp was 20F or -6C. The colder the temp the greater the multiplier. Since this is sponsored by the Arizona QRP Society the multipliers stop at -20F. That puts us at a serious disadvantage here in Northern Ontario. I will send them a letter of protest eventually.

This year we each made at least one QSO per operator and as such consider ourselves winners. Part of the exchange is the weather in degrees F and it's hard to muster a sympathy vote for an op that is operating in 65 F and having an 807 as he operates. My other pet peeve is it's hard to find a station who wants to rag chew during the 364 days of the year but the 1 day we go out for FYBO everyone wants to chat at 5 WPM. AAAAARG!

Meanwhile yours truly was opting for a minimalist operation from an easy chair. Using an Elecraft K1 to an end fed medium wire (wasn't long enough to qualify for a long wire) and battery pack. As you can see all of us have no mitts on meaning either it was very mild or we all are a little crazy. We will let the reader decide.

Why not think about joining us next year at FYBO, you are guaranteed a good time and a little bit of operating on Phone or CW, you decide and some GREAT Chilli. See you at FYBO 2009.

Bill VE3XT



RAC North East Regional Directors Report February 2008

The Prez Sez March 2008

The monthly meeting of the Regional Directors was held on February 29 starting at 0030Z.

Jim Hay, VE2VE was appointed as the new VP of Technical and Administration Services. You should notice some improvements to the RAC web page. Call sign lookups are much faster and overall page operation is getting faster.

Also don't forget as a member you have access to the RAC email forwarding. With a few simple instructions you can have any mail sent to ve3xxx@rac.ca sent to your primary email server. I personally find this a very valuable service. If I want to send email so someone and not sure of their primary server this is very handy. Check it out.

Jim also has installed very active and aggressive spam detectors so you won't be flooded by spam. Did you know RAC receives up to 1 million emails a day and close to 73% are rejected as spam? We also get up to 1500 to 1900 hits a day. Check out rac.ca.

One of the best things about being an Amateur Radio Op is going to Hamfests. You get to meet new Hams and renew acquaintances with old ones. This year you can do a two for, The Winnipeg Hamfest is on the weekend of August 8, 9 and 10th. In conjunction with this RAC will be holding their Annual General Meeting. Why not plan to attend as it is not that far from our part of Ontario.

Also the organizing committee of the Vancouver 2010 Olympics are looking for several hundred Amateur Radio Operators to provide communications during the event. If you have your own accommodations and are interested check out the RAC web site for further information.

This is my first report as North East Regional Director; I hope to provide one after each monthly teleconference. If you have any questions or concerns please email me at ve3xt@rac.ca.

73

Bill VE3XT
North East Ontario
Regional Director

I want to come back to a theme I started to talk about several months ago in the Prez Sez article.

Public Service. For the first time I was "voluntold" to help at the Sleeping Giant Ski Tour. The LARC under the guidance of Norm, VE3XRC and his helpers have been providing communications for this race since its inception over 30 years ago. Some of the regulars could not make it this year so Rita and I were pressed into service. And know what? We had a blast!

We got up and before heading out to Sleeping Giant Park went for a quick breakfast at the Arches. Norm and some of the regulars had breakfast at the Pass Lake Truck stop, but it was a little early for our tastes. Once we got to the site we headed into our location. The weather was wonderful and just enough fresh snow to make it a winter wonderland. The volunteer from the ski tour was Mark, VE3VUK so we got to catch up. Even managed to get a nice bonfire going to ward off the little bit of a chill.

The long and short of it is if you have not volunteered as a radio operator in a while give it some thought.

It's a good way to sharpen your operating skills, gets some well deserved publicity for the LARC and the most important reason, its FUN.

Hope to see you at the March meeting on Thursday, March 13 at 7:30 PM.

Bill VE3XT



Ed SEZ

Many thanks to those who contribute articles to HI-Q. Each one is sincerely appreciated by both myself and the readers. If you would like to contribute too, here are some pointers.

1) Email contributions to ve3snw@shaw.ca I hope to set up a separate email account for HI-Q in the near future and I will let you know when that is up and running.

2) I am currently using a desktop publishing program called PagePlus SE. What that means is that I am cut and pasting from your document into the template for HI-Q. So don't bother trying to make it look pretty with special formatting, it's all going to get changed anyway. Likewise, you don't need to use a fancy text program, notepad or word or even just type in your email program is fine. I am using Openoffice to read most of your stuff, so I can open most industry standard files types. When in doubt, use *save as* under the file menu and save your file as a text or rich text file type (the suffixes are .txt and .rtf). If you are going to buy Microsoft Office please note that they are changing their file formats to a new non-standard type and are currently embroiled in a dispute over standard file types with the ISO organization. Hint:

Openoffice is *free* and available for download at <http://www.openoffice.org>.

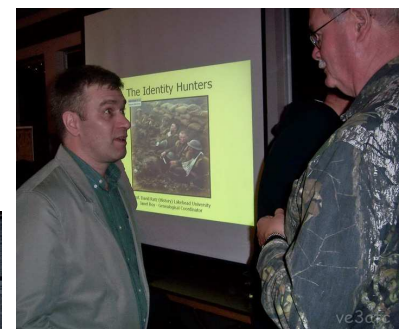
3) Pictures are fantastic. Just attach them as separate files to your email instead of embedding them in your document because I need to separate them out anyway. Desktop publishing programs treat pictures and text differently. If you want them to appear in specific spots just put something like *<pic one goes here>* in your document.

4) It doesn't need to be ground breaking journalism. This isn't CNN, just our own little newsletter. Describing your new antenna is just as interesting to us. It doesn't need to be long either, a bunch of short articles may be more interesting than one long one.

I was not able to make the annual dinner because I had to attend another dinner to honour Masami Tsuruoka, who is credited to bringing karate to Canada fifty years ago. However, we were able to surround him with hams. Here is a photo of O Sensei with Frank Pianka VE3OTZ (left) and Primo Scalzo VE3SLY (right). I was holding the camera.



More Dinner Pics!



thanks to
Leo !

LOGBOOK OF VE3FAL

DATE/TIME(Z)	CALLSIGN	RPT (S)	RPT @	FREQ.	MODE	PWR	OTHER
02/06/08							
23:47:00	YN2/EW1AR	599	599	10.133	RTTY	25w	W3NHN QSL mgr
02/08/08							
00:10:00	K7IEY/QRP	579	579	7.044	CW	5w	Lynden Washington,Al
02/13/08							
19:00:00	AE3Z	589	559	10.120	CW	5w	Horseheads New York, Don SKCC#840
19:21:00	W8PBO	539	579	10.120	CW	5w	Ravenwood WV,Art 5 watts QRN/QSB
02/19/08							
00:01:00	CO2NB	589	559	10.114	CW	5w	Havanna Cuba
23:53:00	K0LUW	559	539	3.549	CW	5w	Nebraska,Russ SKCC#1702T FISTS# 12117
02/21/08							
00:35:00	N0BUI	589	589	3.568	CW	5w	Winona,Minnesota MSN CW TRFC NET
02:58:00	KG8WF	579	549	1.822	CW	5w	Michigan,Vince SKCC#3929C
02/24/08							
05:15:00	K5EWJ	559	339	7.045	CW	5w	Texas,Cookie SKCC#4077C
05:54:00	KB4QQJ	559	559	7.047	CW	5w	North Carolina,Randy SKCC#3508T 3 watts

Interesting contacts ?.....send 'em in

March

Mon	Tue	Wed	Thu <i>is Coffee night</i>	Fri	Sat	Sun
					1 Sibley Ski tour	2
3	4	5	6	7	8	9 Daylight Saving Time starts at 0200
10	11	12	13 LARC Meeting Night	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						